

AMENDMENT UNDER 37 C.F.R. § 1.114(c)
U.S. Appl. No. 10/733,843
Attorney Docket No.: Q78446

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A progressive addition power lens comprising:
a near dioptric power region, an intermediate corridor, and a far dioptric power region,
each with a respective clear visual region having astigmatism of 0.5 diopters or less;
wherein:
the intermediate corridor extends vertically from the near dioptric power region to
the far dioptric power region, with a gradually decreasing refractive power;
a maximum horizontal width of the clear visual region in the far dioptric power
region is no more than twice a minimum horizontal width of the clear visual region in the
intermediate corridor; and
a vertical length of the intermediate corridor is in a range of 22 to 28 mm;
a far point at the bottom of the far dioptric power region; and
astigmatism peaks positioned only at substantially same height or vertically
higher than the far point.
2. (previously presented): A progressive addition power lens comprising:
a near dioptric power region, an intermediate corridor, and a far dioptric power region,
each with a respective clear visual region having astigmatism of 0.5 diopters or less; a near point
at the top of the near dioptric power region; and

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an eye point in the intermediate corridor, at a position 9 to 12 mm higher than the near point,

wherein:

the intermediate corridor extends vertically from the near dioptric power region to the far dioptric power region, with a gradually decreasing refractive power,

a maximum horizontal width of the clear visual region in the far dioptric power region is no more than twice a minimum horizontal width of the clear visual region in the intermediate corridor, and

a vertical length of the intermediate corridor is in a range of 22 to 28 mm.

3. (original): The progressive addition power lens as set forth in claim 1, wherein the clear visual region of the near dioptric power region has a horizontal width of 30 mm or more.

4. (currently amended): The progressive addition power lens as set forth in claim 3, ~~further comprising: a far point at the bottom of the far dioptric power region; and wherein the astigmatism peaks are located to the sides of the far point, with positions at substantially the same height as the far point.~~

5. (currently amended): The progressive addition power lens as set forth in claim 3, ~~further comprising: a far point at the bottom of the far dioptric power region; and wherein the astigmatism peaks are located to the sides of the far point, with positions higher than the far~~

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point.

6. (currently amended): The progressive addition power lens as set forth in claim 1, further comprising: wherein a far point at the bottom of the far dioptric power region; and the astigmatism peaks are located to the sides of the far point, with positions at substantially the same height as the far point.

7. (currently amended): ~~The A~~ progressive addition power lens ~~as set forth in claim 6,~~ further comprising:

a near dioptric power region, an intermediate corridor, and a far dioptric power region, each with a respective clear visual region having astigmatism of 0.5 diopters or less;

a far point at the bottom of the far dioptric power region; and

astigmatism peaks located to the sides of the far point, positioned at substantially same height as the far point;

a near point at the top of the near dioptric power region; and

an eye point in the intermediate corridor, at a position 9 to 12 mm higher than the near point,

wherein:

the intermediate corridor extends vertically from the near dioptric power region to the far dioptric power region, with a gradually decreasing refractive power;

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a maximum horizontal width of the clear visual region in the far dioptric power region is no more than twice a minimum horizontal width of the clear visual region in the intermediate corridor; and

a vertical length of the intermediate corridor is in a range of 22 to 28 mm.

8. (currently amended): The progressive addition power lens as set forth in claim 1, ~~further comprising: a far point at the bottom of the far dioptric power region; and wherein the~~ astigmatism peaks are located to the sides of the far point, with positions higher than the far point.

9. (currently amended): ~~The A~~ progressive addition power lens as set forth in claim 8, ~~further comprising:~~

a near dioptric power region, an intermediate corridor, and a far dioptric power region, each with a respective clear visual region having astigmatism of 0.5 diopters or less;

a far point at the bottom of the far dioptric power region;

astigmatism peaks located to the sides of the far point, with positions higher than the far point;

a near point at the top of the near dioptric power region; and

an eye point in the intermediate corridor, at a position 9 to 12 mm higher than the near point,

wherein:

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the intermediate corridor extends vertically from the near dioptric power region to the far dioptric power region, with a gradually decreasing refractive power;

a maximum horizontal width of the clear visual region in the far dioptric power region is no more than twice a minimum horizontal width of the clear visual region in the intermediate corridor; and

a vertical length of the intermediate corridor is in a range of 22 to 28 mm.

10. (currently amended): The progressive addition power lens as set forth in claim 9 ~~[[4]], further comprising wherein the clear visual region of the near dioptric power region has a~~ horizontal width of 30 mm or more.

11. (previously presented): The progressive addition power lens as set forth in claim 5, further comprising:

a near point at the top of the near dioptric power region; and

an eye point in the intermediate corridor, at a position 9 to 12 mm higher than the near point.

12. (currently amended): ~~The A~~ A progressive power regions as set forth in claim 1, comprising:

a near dioptric power region, an intermediate corridor, and a far dioptric power region, each with a respective clear visual region having astigmatism of 0.5 diopters or less;

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a far point at the bottom of the far dioptric power region; and
astigmatism peaks positioned at substantially same height or vertically higher than the far
point;

wherein:

the intermediate corridor extends vertically from the near dioptric power region to
the far dioptric power region, with a gradually decreasing refractive power;

a maximum horizontal width of the clear visual region in the far dioptric power
region is no more than twice a minimum horizontal width of the clear visual region in the
intermediate corridor;

a vertical length of the intermediate corridor is in a range of 22 to 28 mm, and
~~wherein~~ the vertical length of the intermediate corridor is in a range of 24.5 to
25.5 mm.